



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: Luigi Occhipinti, et al.

Title of Invention: **A MOLECULAR MEMORY OBTAINED USING DNA STRAND MOLECULAR SWITCHES AND CARBON NANOTUBES, AND METHOD FOR MANUFACTURING THE SAME**

Serial No.: 10/601,327

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Attorney Dkt. No.: 2110-66-3

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited in the United States Postal Service as First Class mail in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 4<sup>th</sup> day of August, 2006.



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Signature

**AMENDMENT AND RESPONSE UNDER 37 CFR §1.111**

**TO THE COMMISSIONER FOR PATENTS**

Reconsideration of the above-referenced patent application in view of the following amendments and remarks is requested. Please amend the application as follows:

**Amendments to the Specification** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.